

Converting Colors

YIQ(175.4060, -59.7410,
-2.1170)

Have a look what the booklet for
YIQ(175.4060, -59.7410, -2.1170)
contains.

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Color

**YIQ(175.4060, -59.7410,
-2.1170)**

Conversions

Conversions Part 1

Format	Color
Hex	75C1EE
RGB	117, 193, 238
RGB Percent	46%, 76%, 93%
CMY	0.5413, 0.2430, 0.0669
CMYK	0.51, 0.19, 0.00, 0.07
HSL	202°, 78%, 70%
HSV	202°, 51%, 93%
XYZ	41.8304, 48.1023, 87.9155
YIQ	175.4060, -59.7410, -2.1170

Conversions

Conversions Part 2

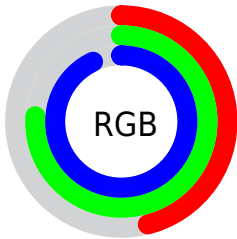
Format	Color
R _Y B	117, 164, 238
Decimal	7717358
CIE Lab	74.89, -11.44, -29.53
CIE LCh	75, 31.669, 248.824
Yxy	48.1023, 0.2352, 0.2705
Android (android.graphics.Color)	4285907438 (0xFF75C1EE)
YUV	175.4060, 30.8588, -51.2221
Hunter-Lab	69.3558, -13.7145, -26.6070

Details

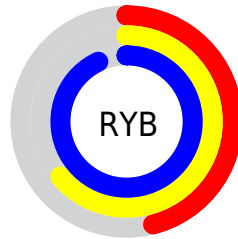
The YIQ color $175.4060, -59.7410, -2.1170$ is a light color, and the websafe version is hex $66CCFF$. A complement of this color would be $179.5940, 59.7410, 2.1170$, and the grayscale version is $175.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $227.5580, -46.0300, -13.8220$, and $119.6720, -63.5460, -4.7460$ is the 20% darker color. If you saturate the color by 10%, you get $162.9470, -71.5700, -2.4980$, and if you desaturate by 10%, it is $187.8650, -47.9120, -1.7360$.

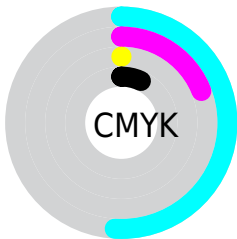
Distribution



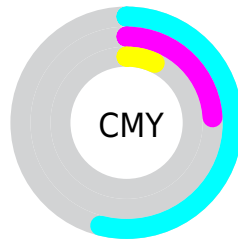
- Red (46%)
- Green (76%)
- Blue (93%)



- Red (46%)
- Yellow (64%)
- Blue (93%)



- Cyan (51%)
- Magenta (19%)
- Yellow (0%)
- Black (7%)



- Cyan (54%)
- Magenta (24%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 175.4060, -59.7410, -2.1170 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 175.4060, -59.7410, -2.1170 by changing the saturation by 10% instead.

■ 175.4060,
-59.7410, -2.1170

■ 175.4060,
-59.7410, -2.1170

■ 255.0000, -0.0000,
-0.0000

■ 147.3950,
-61.2080, -3.0640

■ 227.5580,
-46.0300, -13.8220

■ 119.6720,
-63.5460, -4.7460

■ 240.0500,
-29.8000, -10.6000

■ 86.6810, -76.9330,
-9.9330

■ 248.7210,
-12.5160, -4.4520

■ 67.5360, -66.1590,
-6.9510

■ 50.4840, -51.2130,
-2.4850

■ 34.8340, -37.4590,
1.5570

■ 21.0590, -24.8510,

4.3410

■ 5.0500, -11.4640,
9.5280

■ 0.9120, -2.5680,
2.4880

■ 175.4060,
-59.7410, -2.1170

■ 175.4060,
-59.7410, -2.1170

■ 162.9470,
-71.5700, -2.4980

■ 187.8650,
-47.9120, -1.7360

■ 150.4880,
-83.3990, -2.8790

■ 200.3240,
-36.0830, -1.3550

■ 138.9150,
-94.9070, -3.5710

■ 212.4840,
-24.8500, -1.1860

■ 126.4560,
-106.7360, -3.9520

■ 224.3560,
-12.7460, -0.2820

■ 115.1820,
-117.6480, -4.4320

■ 236.8150, -0.9170,
0.0990

■ 247.7790, 7.9320,
-0.5800

■ 253.0620, 5.4570,
-5.2870

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



169.4010, -70.5130, -16.1530



175.4060, -59.7410, -2.1170



183.1370, -33.5180, 12.7380

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



175.4060, -59.7410, -2.1170



188.2170, 42.5900, 21.1020



178.0590, 0.3710, -23.2530

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



175.4060, -59.7410, -2.1170



179.5940, 59.7410, 2.1170

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



181.5630, 25.4950, -16.0170



175.4060, -59.7410, -2.1170



186.4760, 48.6900, 9.6660

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



175.4060, -59.7410, -2.1170



188.8100, 24.9830, 26.3190



184.3360, 42.7320, -3.5080



174.1510, -29.2470, -26.1350

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



175.4060, -59.7410, -2.1170



186.6020, -12.6580, 20.1580



184.3360, 42.7320, -3.5080



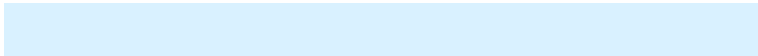
179.6040, 9.0820, -21.4300

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



175.4060, -59.7410, -2.1170



235.4200, -18.7980, -0.7340



193.0430, -47.3990, -49.5990



115.8400, -11.2330, -0.1690



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



175.4060, -59.7410, -2.1170



174.3100, -77.0260, -2.7380



140.1860, -43.2410, 29.2630



113.4770, -5.7770, 0.0710



88.4810, -90.6890, -2.9210



26.9290, -27.6010, -0.8890

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



161.8430, 47.7200, 49.2880



156.8160, 61.5180, 63.5500



214.8140, 43.2410, -29.2630



112.3860, 4.9050, 4.7210



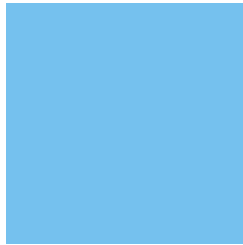
68.1260, 72.7490, 74.7730



20.7340, 22.1410, 22.7570

Previews

White Background



This preview shows how the YIQ color 175.4060, -59.7410, -2.1170 looks on a white background.

Color Contrast Check

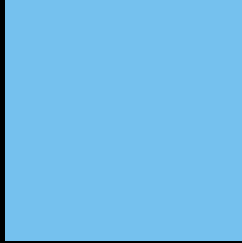
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 175.4060, -59.7410, -2.1170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

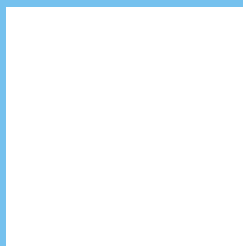
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 175.4060, -59.7410, -2.1170

Background



This preview shows how black text looks on a background with the YIQ color 175.4060, -59.7410, -2.1170.



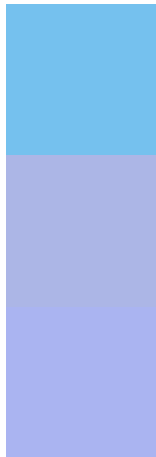
This preview shows how white text looks on a background with the YIQ color 175.4060, -59.7410, -2.1170.

-2.1170.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

175.4060, -59.7410, -2.1170

Protanopia

184.4820, -21.3680, 12.8080

Deuteranopia

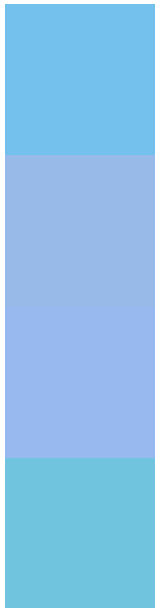
183.9640, -25.5410, 16.8510



Tritanopia

172.5120, -57.5840, -13.6800

Trichromacy



Original Color

175.4060, -59.7410, -2.1170

Protanomaly

181.1920, -35.3510, 7.4090

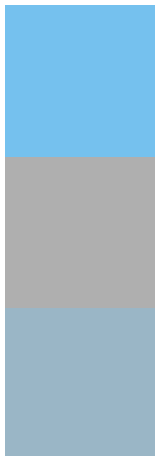
Deuteranomaly

181.1040, -37.9190, 9.8970

Tritanomaly

173.8480, -58.4100, -9.7220

Monochromacy



Original Color

175.4060, -59.7410, -2.1170

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

175.4520, -21.8240, -0.9600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.4060, -59.7410, -2.1170 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(117, 193, 238)` looks like.

```
.text, #text, p{  
    color:rgb(117, 193, 238)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(117, 193, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 193, 238) }
```

Border

The CSS property to change the border of an element to YIQ 175.4060, -59.7410, -2.1170 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 193, 238) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(117, 193, 238) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(117, 193, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 193, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 193, 238);  
box-shadow:4px 4px 4px 4px rgb(117, 193,  
238) }
```

Background

The CSS property to change the background color of an element to YIQ 175.4060, -59.7410, -2.1170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 193, 238) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(117,  
193, 238) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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